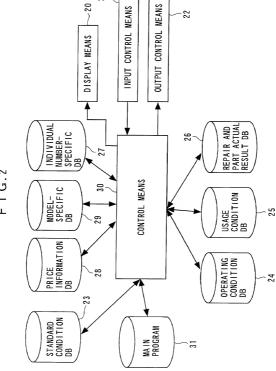
MAINTENANCE SERVICE USER C2 AGENT Dn MAINTENANCE SERVICE INTERNET MAKER M USER C1 12~

F I G.1

21



F I G.2

STANDARD CONDITION DB

MODE	EL B						
MODEL	A						
	MAINTENANCE N	IANAGEI	MENT I	TEMS			
	NTENANCE AGEMENT ITEM	EVERY H1	EVERY H2	EVERY H3	EVERY H4		
PARTS OF MAIN BODY							
LUBRI-	ENGINE OIL TRANSMISSION		0	0			_
OIL	WORKING MACHINE OIL			0			
			\subseteq			_	
	CLEANING OF AIR CLEANER		0				_
	REPLACEMENT OF FILTER			0			
UNDER THE BODY	CHECK		0				
	VALVE CLEARANCE			0			
ENGINE	FUEL INJECTION NOZZLE			0			2
						238	

FIG.4

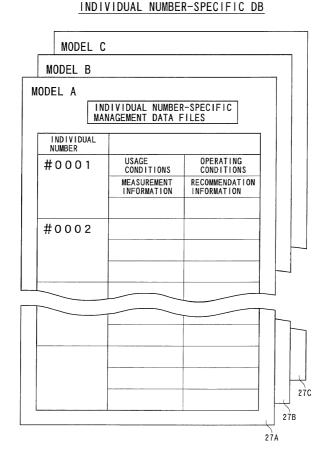
OPERATION ENVIRONMENT CONDITION DB

M	ODEL A			(11	NCLINED	FIELI	0)
MODE	EL A			(HIGH-	LAND A	REA)	
MODEL	Α			(SAND	Y AREA)		
	MAINTENANCE N	IANAGEI	MENT I	TEMS			
	NTENANCE AGEMENT ITEM	EVERY H1	EVERY H2	EVERY H3	EVERY H4		
PARTS OF MAIN BODY							
LUBRI-	ENGINE OIL TRANSMISSION		0	0			-
OIL	WORKING MACHINE OIL			0		-	
	CLEANING OF AIR CLEANER	0				-	}
	REPLACEMENT OF FILTER			0			
UNDER THE BODY	CHECK	0					
	VALVE CLEARANCE			0			
ENGINE	FUEL INJECTION NOZZLE			0			2
						2	⊿ 4B
						24A	

USAGE CONDITION DB

	М	ODEL A				(COND)ITI(ONS	3)
	MODE	EL A			(C	ONDITIO	ONS	2)	
M	ODEL MAINT	A ENANCE MANAGEN	MENT I	TEMS	LOW-QU	TIONS JALITY CATING JALITY	•		
		NTENANCE AGEMENT ITEM	EVERY H1	EVERY H2		EVERY H4			
	PARTS OF MAIN BODY								
	LUBRI- CATING	ENGINE OIL TRANSMISSION OIL		0	0				
		WORKING MACHINE OIL			0				
T				\subseteq					
		CLEANING OF AIR CLEANER REPLACEMENT	0						
L		OF FILTER			0				
	UNDER THE BODY	CHECK	0						
ſ		VALVE CLEARANCE			0				
1	ENGINE	FUEL INJECTION NOZZLE			0				250
L								25	В

FIG.6



F | G. 7

INDIVIDUAL NUMBER-SPECIFIC MAINTENANCE MANAGEMENT DATA TARLE

			,						
OPERATING CONDITIONS									
MAINTENANCE ACTUAL RESULT VALUE [J]	32,000	5,000							
MAINTENANCE WORK HISTORY									
OPERATION TIME								-) 27A
OPERATION TIME UNDER MAINTENANCE CONTRACT	30000	20000							
START DATA OF THE MAINTENANCE CONTRACT	99/3/13	11/1/00							
CONTRACT RANK	R 1	R 1	R 3	R 2	R 1				ı
MODEL	⋖	٧	∢	∢	В	В	U		
INDIVIDUAL	0001	0002	0003	0004	0001	0002	0001		•
	START DATA OPERATION MODEL CONTRACT OF THE UNDER OPERATION MAINTENANCE MAINTENANCE TIME UNDER TIME WORK HISTORY VALUE [J] CONTRACT CONTRACT	START DATA OPERATION NODEL CONTRACT RANK CONTRACT CONTRACT CONTRACT A R 1 99/3/13 30000 START DATA OPERATION MAINTENANCE NORK HISTORY ACTUAL RESULT CONTRACT CONTRACT 32,000	START DATA OPERATION MAINTENANCE ALL MESULT USAGE USAGE	MODEL CONTRACT START DATA OPERATION MAINTENANCE MAINTENANCE TIME TIME MORK HISTORY VALUE CONDITIONS CONTRACT CONTRACT START START	MODEL CONTRACT START DATA OPERATION MAINTENANCE MAINTENANCE USAGE TIME TIME UNANTENANCE CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT START START	MODEL CONTRACT START DATA OPERATION MAINTENANCE MAINTENANCE USAGE TIME TIME UNDER TIME UNDER TIME USAGE USAGE	MODEL START DATA OPERATION MAINTENANCE MAINTENANCE CONTRACT OF THE UNDER TIME WORK HISTORY VALUE [J] CONDITIONS	MODEL START DATA OPERATION MAINTENANCE MAINTENANCE MAINTENANCE MAINTENANCE TIME TIME MODEL CONTRACT CONTRACT	MODEL CONTRACT START DATA OPERATION MAINTENANCE MAINTENANCE TIME UNAGE TIME UNAGE TIME UNAGE TIME UNAGE USAGE USAGE

8/17

F | G.8

PRICE INFORMATION DB

PART NUMBER PRICE WORK CODE PRICE AAA-BBB \(\frac{\frac{1}{2}}{2} \) XXX. \(\frac{1}{2} \) PPP-QQQ \(\frac{\frac{1}{2}}{2} \) YYY-	COUNTRY	J	APAN	AGENT	Х	C	LIENT	Α
AAA-BBB ¥XX, XXX- PPP-QQQ ¥Y, YYY-				PRICE	WORK CODE		PRICE	
	AAA-BB	В	¥X	XX, XXX-	PPP-QQ	PPP-QQQ ¥Y		¥Y, YYY-
								-

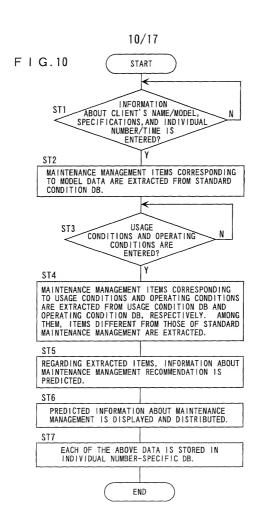
9/17

F I G.9

MODEL-SPECIFIC MAINTENANCE RANK TABLE

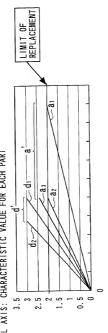
CONTRACT RANK MODEL	R 1	R 2	R 3	R 4
Α	50,000	50, 000	50, 000	100,000
В	35,000	50,000	65,000	80,000
С				
D				

Х			
Υ			
Z		l.	



F I G.11(A)

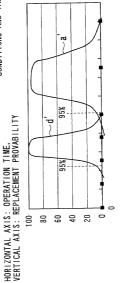
VARIATIONS DEPEND ON THE OPERATING CONDITIONS AND THE USAGE CONDITIONS. HORIZONTAL AXIS: OPERATION TIME, VERTICAL AXIS: CHARACTERISTIC VALUE FOR EACH PART REPLACEMENT RATE FOR EACH PART



F I G.11(B)

REPLACEMENT RATE FOR EACH PART

VARIATIONS DEPEND ON THE OPERATING CONDITIONS AND THE USAGE CONDITIONS.



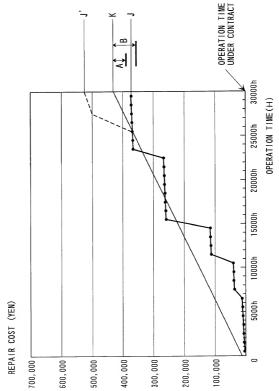
MODEL, DATA CONTENTS OF THE NEXT RECOMMENDATION COUNTRY COUNTRY CONTENTS OF THE NEXT RECOMMENDATION COUNTRY COUN	-		CONSTRUCTIO	CONSTRUCTION MACHINE DATA	PUBLIC, CUSTOM MENU
CONTENTS OF THE NEXT RECOMMENDATION CONTENTS OF OIL REPLACEMENTS OF OIL HEAVY MACHINER HEAVY MACHINER HEAVY MACHINER COST C	MODEL, DATA				JUMP TO:
OPERATION TIME 2000/3/30 OMAINTENANCE CO MAINTENANCE CO MAINTENANCE CO MAINTENANCE CO MAINTENANCE CO MAINTENANCE CO MAINTENANCE CO OR PRESENTE OF OIL AND FILTER. OR PART BOOK RECERRENCE CHAR OPTION S S S S S S S S S	CUSTOM COUNTRY DB	∀m∪	CONTENTS OF THE NRE	VEXT RECOMMENDATION PPLACEMENTS OF OIL ND FILTER	O SERVICE MANAGER HEAVY MACHINERY MANAGEMENT
COST S 200 RECRINCE CHAR	MODEL SPECIFICATIONS INDIVIDUAL NIMBER	X Y Z #12345	OPERATION TIME MAINTENANCE TIME REMARKS RECOMM	9, 250 2000/3/30 AENDING THE REPLACEMENTS - AND FILTER.	O RECOMMENDATION O MAINTENANCE CONTRACT O REPAIR HISTORY ACCUMULATED REPAIR COST
USAGE FUEL LIGHT-01L SULFUR PART LUBRI CATING 01L SULFUR PART CD-SAF EARTH AND SAND Si	PRESENT OPERATION TIME	2000/3/20 9,040	0N 1 0N 2	\$ 200 \$ 350	O PART BOOK REFERENCE CHART OF RECOMMENDED PARTS
USAGE FUEL LIGHT-01L NACHINE SURVEILLANGE SULFUR PART O. 50% MEDICAL CHECKUP LUBRICATING 01L CD-SAE O. L. ANALYSIS EARTH AND SAND SI SW-40 UNDER-BODY MEASUREMENT CD-SAE	OPERATING COND	ITIONS	USAGE CONDITIONS		REASUREMENT INFORMATION
IED EARTH AND SAND SI UNDER-BODY MEASUREMENT —	SANDY AREA HIGH-LAND AREA		USAGE FUEL LIGHT-01L SULFUR PART LUBRICATING OIL	GHT-011 0. 50% -SAE	0 0
	INCLINED			-40 -40	OIL ANALYSIS CAUTIONS UNDER-BODY MEASUREMENT

LOSOZO GENODESO

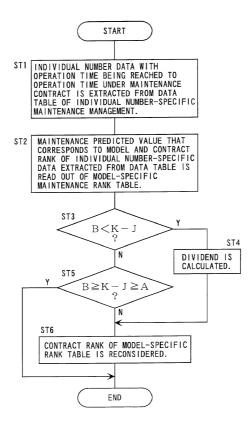
F I G.13

П	JUMP TO: SERVICE MANAGER HEAVY MACHINERY MANAGEMENT O RECOMMENDATION O MA INTENANCE CONTRACT O REPAIR HISTORY ACCUMULATED REPAIR COST © PART BOOK REFERENCE CHART OF RECOMMENDED PARTS	NFORMATION	UP 0. K. Go 0. C. Go
CUSTOM MENU	F RECOMMENDATION N 1 REPLACEMENTS OF OIL AND FILTER 9,500 FINANCE TIME AFTER 2000/4/12 MATION 0.95 \$/h N 2 REPLACEMENTS OF OIL AND FILTER (SOPHISTICATED PARTS) 9,750 ATION TIME 9,750 FIENANCE TIME AFTER 2000/4/22 NEXT 350 \$ PER HOUR 0.76 \$/h	MEASUREMENT INFORMATION	MACHINE SURVEILLANCE INFORMATION 0.50% MEDICAL CHECKUP 5AE 01L ANALYSIS UNDER-BODY MEASUREMENT
NOI	MENU OF RECOMMENDATION OPTION 1 REPLACEMENTS OF 011 PERTION TIME MAINTENANCE TIME AFTER THE NEXT ESTIMATION COST PER HOUR OPERATION TIME MAINTENANCE TIME AFTER THE NEXT REPLACEMENTS OF 01 REPLACEMENTS OF 01 REPLACEMENTS OF 01 COST PER HOUR COST PER HOUR	USAGE CONDITIONS	USAGE FUEL LIGHT-01L SULFUR PART LUBRICATING 01L EARTH AND SAND Si
RECOMMENDATION	MODEL, DATA CUSTOM COUNTRY B B MODEL XYZ SPECIFICATIONS INDIVIDUAL HR2345 PRESENT OPERATION TIME 9,040	OPERATING CONDITIONS	SANDY AREA HIGH-LAND AREA INCLINED FIELD

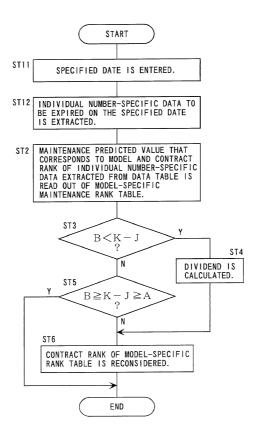
F | G.14



F I G.15



16/17



17/17

F I G.17

